

FAX**DATE:** Tuesday, February 21, 1995**TO:** Judy Chen, WAIS Inc.**FAX:** 1-415-327-6513**FROM:** WAIS Inc. Kevin Oliveau**PAGES:** 4**MEMO**

Judy, here's my handout for the
Management Meeting.
-KBO

DC Office Status Report 2/21/95**Billable Hours and Support Calls:**

Date	KB0	Norm	Total	Support Calls
1/22	18.5	26	44.5	
1/29	13.5	5	18.5	10
2/5	22	17	39	7
2/12	9	20	29	9
2/19	11.5	26.5	28	10

Project Status:

NTIS: Project is almost done. Still to do: get their Gopher-to-WAIS link working.

DTIC: Task 5 nearing completion. Still to do: purchase clients, 420 hours of customization (Task 6).

Open Source: Winding down. Still to do: spend leftover money on newsfeed extensions. Working on getting new contract for Forwarder upgrade and maintenance of newsfeed sources.

Datavault: Just gearing up. Perl dictionary program running at acceptable performance level. Awaiting clearances and arrival of data. We're going out there tomorrow to check installation of software: WAISserver, WAISgate, parser-toolkit, Web Server, gcc compiler, Perl compiler, gmacs editor. They need parallel version of WAISserver soon.

National Archives: training and installation completed. Still to do: help them with GILS sometime in the future.

NCMS: training and installation completed. They want an NT port.

Issues:

Is Margaret going to be allowed to finish GILS (2 weeks work)?

Can we please schedule parallel work for Datavault?

What exactly does the DC office do? A list of customers and activities:

The Defense Technical Information Center (DTIC): A repository of Dept. of Defense technical reports. They have many DOD databases up, but their primary task is serving a citations db of the technical reports.

What we've done for them: Gopher, WAIS, and Web server integration. Document order form integrated with WAISgate. Login/password screening of all users. LYNX and SWAIS character-based client access via dialup and telnet. PGP encryption of retrieved documents using WAISgate. Selective Dissemination of Information (SDI) on a daily, weekly, and monthly basis using a perl script. HTML form to submit queries to the SDI service. User selectable multiple database search using WAISgate. Perl script to help manage updates to the citations database using -append option in WAISindex. Training of DTIC staff and users.

What's left to do: purchase Web clients which will be compatible with secure Web servers. 420 hours of customization. They want to run a Government Information Locator Service (GILS) database

Community Open Source Program Office (COSPO): a consortium of Intelligence Community Agencies to use the Internet to share unclassified information amongst themselves and to access commercial data. Everything runs behind a firewall.

When does it end?

What we've done for them: Reuters, Agence France Presse (AFP), and Associated Press (AP) newsfeed database services based in Menlo Park. WAIS servers of: Jane's Fighting Ships and Armour & Artillery, text and pictures; the Monterey Institute Non-Proliferation papers; Library of Congress country studies (text and PDF). Integration with Gopher and Web servers. Terminal server for dial-up PPP access for 10 Powerbooks and 2 PC laptop machines. Firewall WAISforwarder, including multiple hop access through two or more firewalls. Training, installation, and support.

What's left to do: move the newsfeed services and get pictures up on AFP. We've asked for more money to do: (1) multi-hop IP address screening on the forwarder and the server, and (2) s/key integration into the forwarder and the ezwais client to strongly authenticate all WAIS connections.

Government Printing Office (GPO): putting up Federal Register and Congressional Record in ASCII and if PDF using a custom version of the EINET WAIS client.

What we've done for them: training and support package. Help with file association and SWAIS. They are trying to become the central GILS provider.

National Technical Information Service (NTIS): they run a very large Galaticom BBS and want to get their stuff up on the Internet.

What we've done for them: WAISgate customization to allow users to order documents using login/password authorization. Training and support.

What's left to do: help them integrate their Gopher server to their WAIS server. They want to run a GILS database.

The Library of Congress: wants to have a large Internet presence to put up their collections of documents and pictures. They already have a custom database for serving their card catalog, we never got access to it.

What we've done for them: developed the first WAIS client for OS/2. Gopher server integration. Training and support.

What's left to do: nothing. They've fallen in love with Amherst's search engine and have written their own Web gateway to it.

The Datavault Project: a pilot project to bring up a classified CIA database of diplomatic cables. The database is 180 Gigabytes and they want to be able to search it all using WAIS.

What we've done for them: written a perl program to provide a dictionary of words for security screening programs. A custom parser for the cables themselves.

What's left to do: get the data onto a SUN with 18 processors. Get the database indexed. Write a version of WAISserver which searches databases in parallel to provide reasonable search times. Study the database for precision and recall and tweak the parameters accordingly. Customize WAISgate to allow large numbers of hits to be downloaded in small chunks.

National Archives: training and support. They want to put up a GILS database. They are charged with training other agencies in how to meet GILS requirements.